

FIG.1

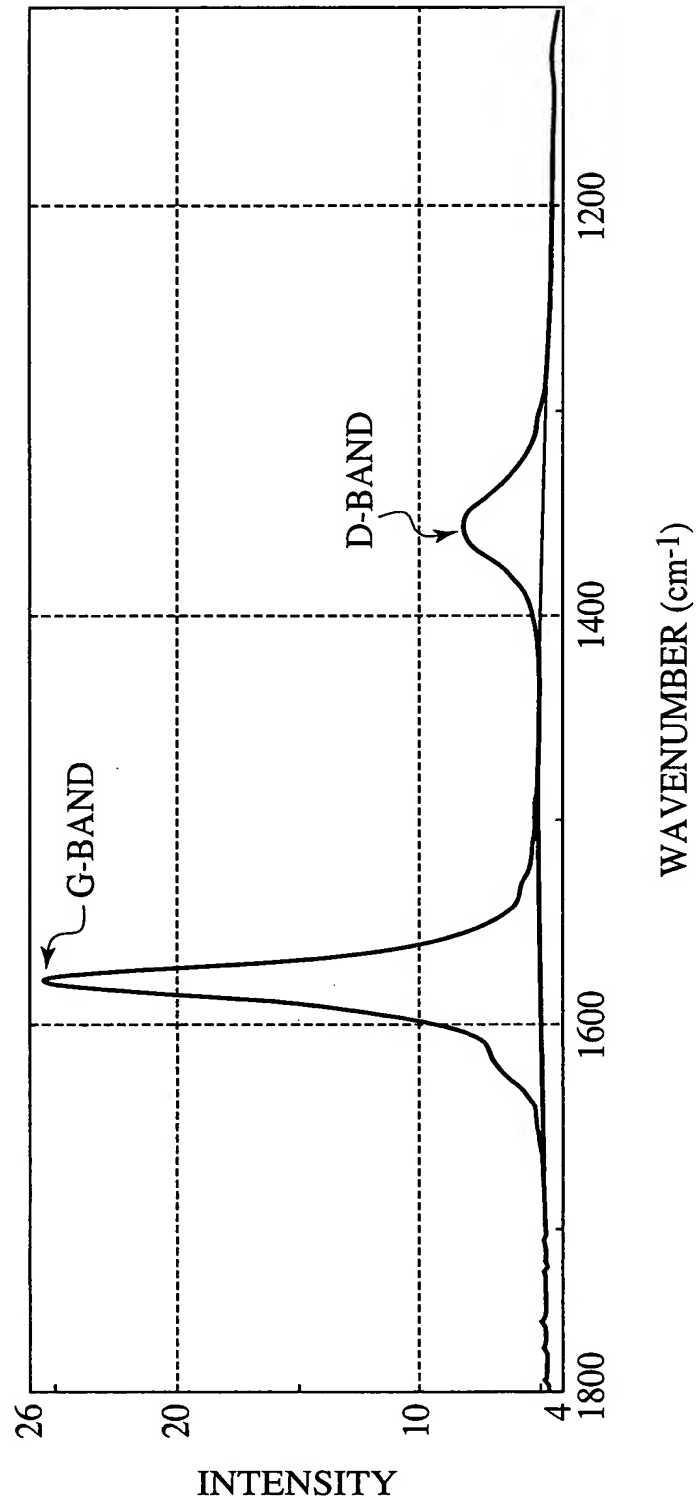


FIG. 2

	EX.1	EX.2	EX.3	COM.EX.1	COM.EX.2	COM.EX.3	COM.EX.4
TREATMENT LIQUID	NITRIC ACID	NITRIC ACID	HIDROGEN PEROXIDE SOLUTION	—	ETHANOL	NITRIC ACID AND SULFURIC ACID	NITRIC ACID AND SULFURIC ACID
TREATMENT CONDITION	IMMERSION AT RT FOR 12H	IMMERSION AT RT FOR 12H	IMMERSION AT RT FOR 12H	—	IMMERSION AT RT FOR 12H	IMMERSION AT 70°C FOR 7H	IMMERSION AT 70°C FOR 7H
AFTER TREATMENT	—	HEATING UNDER VACUUM AT 300°C	—	—	—	—	HEATING UNDER VACUUM AT 300°C
HYDROGEN STORAGE CAPACITY (% BY WEIGHT)	0.90	0.77	1.14	0.23	0.23	0.09	<0.09
R VALUE(1d/Ig)	0.05	0.03	0.08	0.015	0.016	0.33	0.12

FIG.3

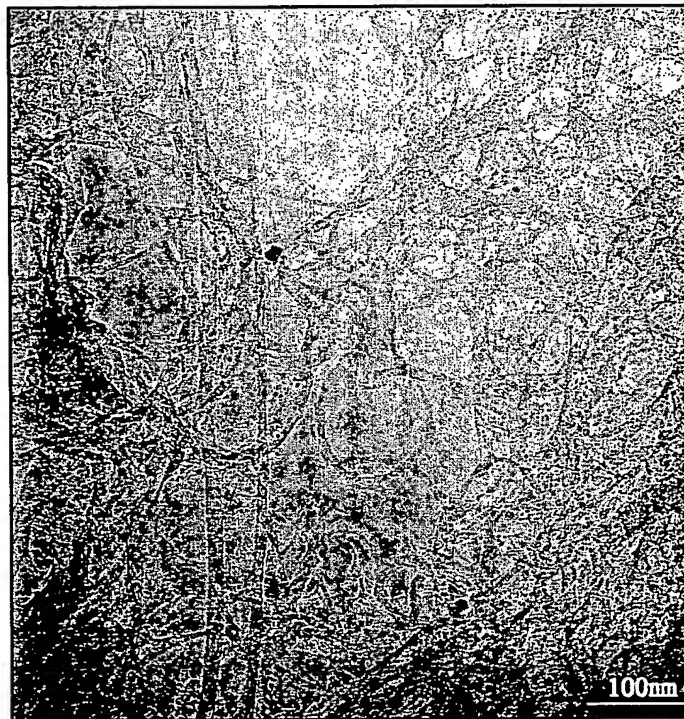


FIG.4

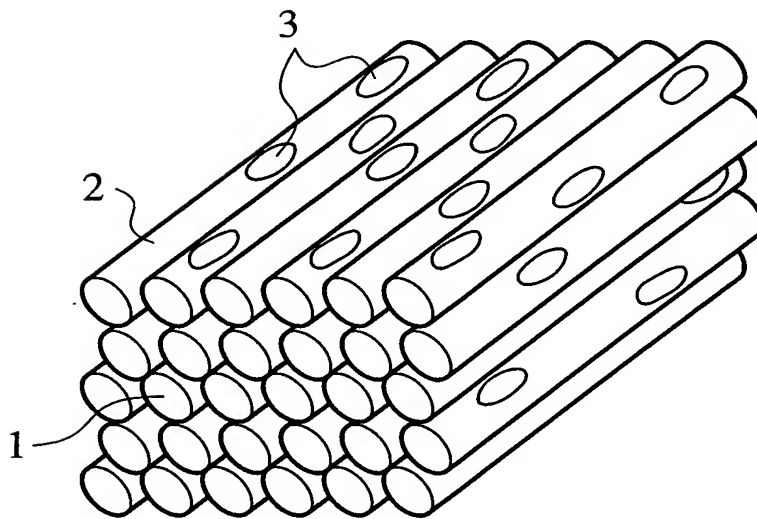


FIG.5



FIG.6

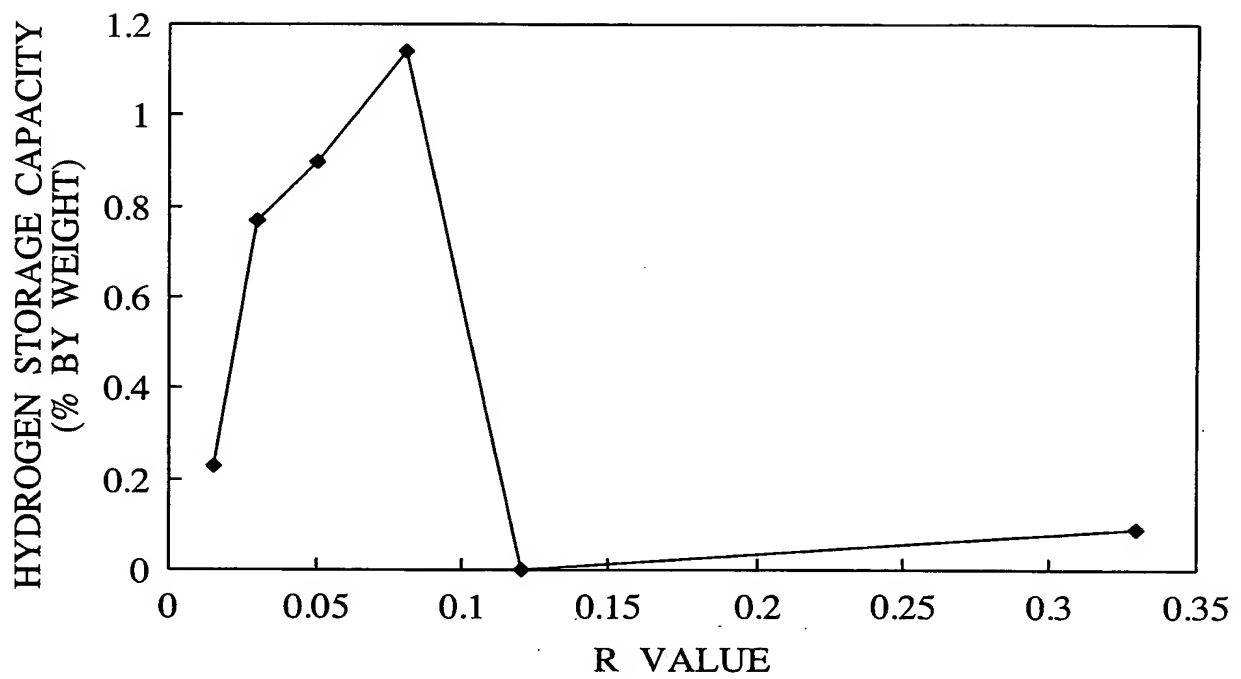


FIG.7

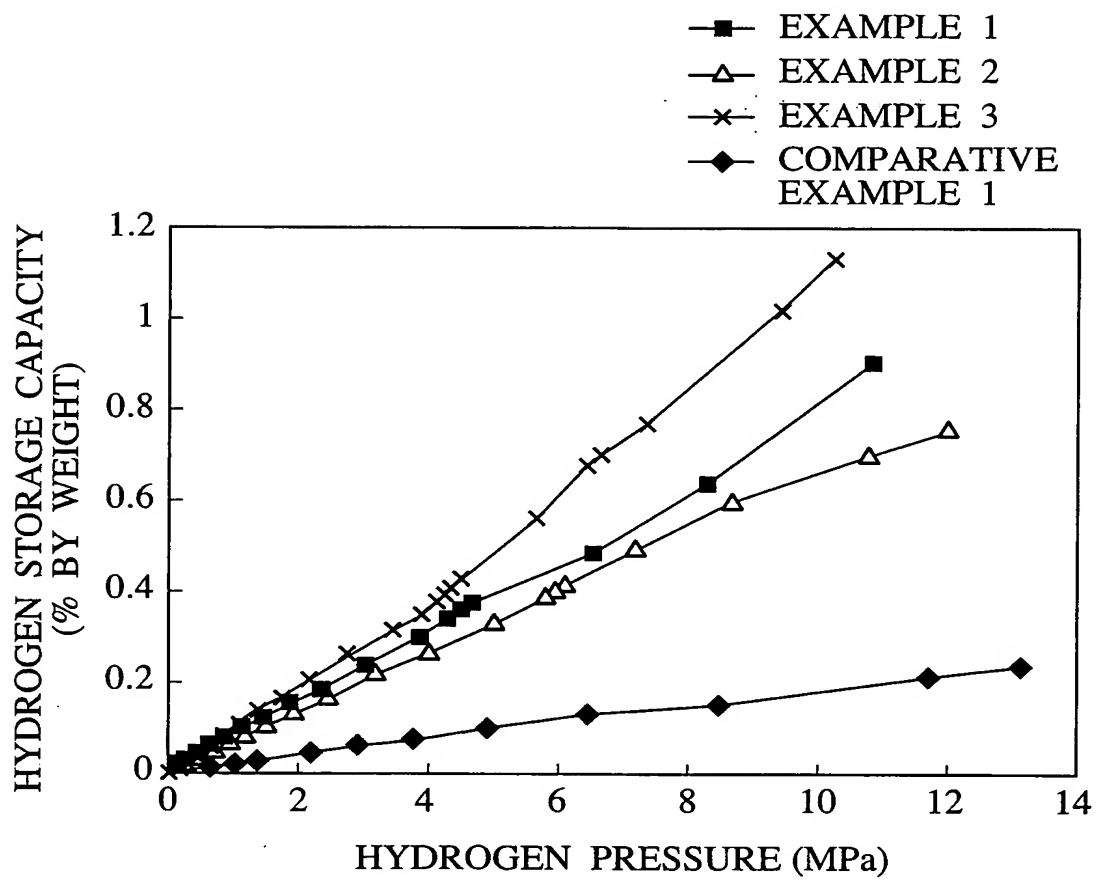


FIG.8

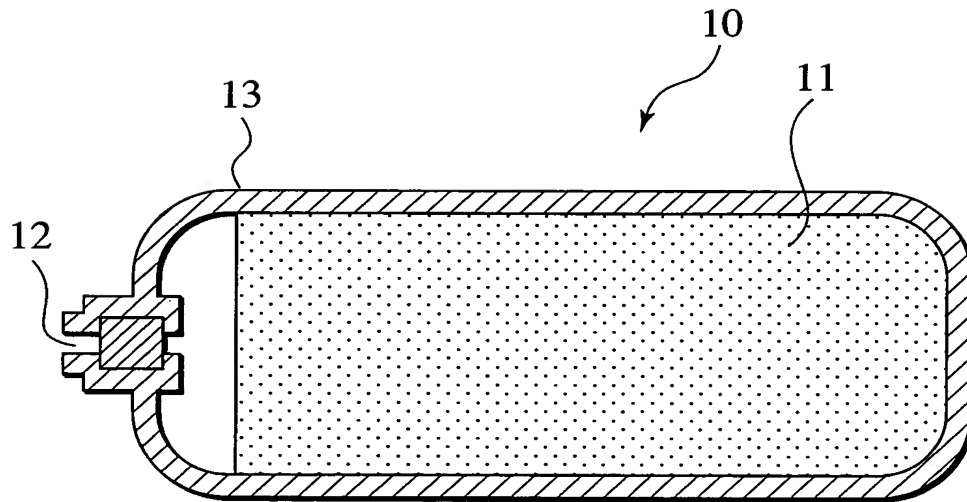




FIG.9

